

	Search Text	DBs
16	(((("6492267" "5410175" "5753967" "5780204" "6077773" "6103616" "6136510" "6365462" "6376343" "6230400" "6555759" "4480238" "5450046" "5638597" "5831828" "4276147" "4346257" "4458294" "4618763" "4781495" "4796153" "4929370" "5025114" "5192713" "5646449" "5925275" "5928790" "6042929" "6124664" "6153060" "6207592" "3816270"	USPAT
17	((174/255) or (174/254) or (174/262) or (174/260) or (174/261) or (174/252) or (361/760) or (361/792) or (361/793) or (361/794) or (361/795)).CCLS.	USPAT
18	("16 and (channel or channels or trench or trenches)").PN.	USPAT
19	(((174/255) or (174/254) or (174/262) or (174/260) or (174/261) or (174/252) or (361/760) or (361/792) or (361/793) or (361/794) or (361/795)).CCLS.) and (channel or channels or trench or trenches)	USPAT
20	("5607883"   "6075285").PN.	USPAT
21	6556453.URPN.	USPAT

	Search Text	DBs
22	("3681474"   "4347306"   "5485038"   "5698470"   "5830563"   "5851681"   "5993945"   "5997997").PN.	USPAT
23	("5218516"   "5436793"   "5455458"   "5475565"   "5504378"   "5513072"   "5625536"   "5657203"   "5666269"   "5751552"   "5926373").PN.	USPAT
24	(((((174/255) or (174/254) or (174/262) or (174/260) or (174/261) or (174/252) or (361/760) or (361/792) or (361/793) or (361/794) or (361/795)).CCLS.) and ((segment or segmentation or partition or partitioning or split or splitting) with (power or ground))) not (((174/255) or (174/254) or (174/262) or (174/260) or (174/261) or (174/252) or (361/760) or (361/792) or (361/793) or (361/794) or (361/795)).CCLS.) and (channel or channels or trench or trenches))	USPAT
25	(((((174/255) or (174/254) or (174/262) or (174/260) or (174/261) or (174/252) or (361/760) or (361/792) or (361/793) or (361/794) or (361/795)).CCLS.) and ((segment or segmentation or partition or partitioning or split or splitting) with (power or ground)))	USPAT
26	174/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
27	29/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
28	361/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
29	h05k001/03	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
30	h05k001/11	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB

	Search Text	DBs
31	h01r012/04	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
32	174/\$.ccls. or 29/\$.ccls. or 361/\$.ccls. or h05k001/03 or h05k001/11 or h01r012/04	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
33	(174/\$.ccls. or 29/\$.ccls. or 361/\$.ccls. or h05k001/03 or h05k001/11 or h01r012/04) and (channel or channels or trench or trenches)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
34	((174/\$.ccls. or 29/\$.ccls. or 361/\$.ccls. or h05k001/03 or h05k001/11 or h01r012/04) and (channel or channels or trench or trenches)) and ((channel or channels or trench or trenches)with (power or ground))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
35	((((174/\$.ccls. or 29/\$.ccls. or 361/\$.ccls. or h05k001/03 or h05k001/11 or h01r012/04) and (channel or channels or trench or trenches)) and ((channel or channels or trench or trenches)with (power or ground))) and ((channel or channels or trench or trenches) with (power or ground) with (segment or segmentation or partition or partitioning or split or splitting) with (power or ground))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
36	((174/\$.ccls. or 29/\$.ccls. or 361/\$.ccls. or h05k001/03 or h05k001/11 or h01r012/04) and (channel or channels or trench or trenches)) and ((channel or channels or trench or trenches) with (power or ground) with (via or vias))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB

	Search Text	DBs
37	(((174/\$.ccls. or 29/\$.ccls. or 361/\$.ccls. or h05k001/03 or h05k001/11 or h01r012/04) and (channel or channels or trench or trenches)) and ((channel or channels or trench or trenches) with (power or ground) with (via or vias))) not (((174/\$.ccls. or 29/\$.ccls. or 361/\$.ccls. or h05k001/03 or h05k001/11 or h01r012/04) and (channel or channels or trench or trenches)) and ((channel or channels or trench or trenches)with (power or ground))) and ((channel or channels or trench or trenches) with (power or ground) with (segment or segmentation or partition or partitioning or split or splitting) with (power or ground)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
38	(((174/\$.ccls. or 29/\$.ccls. or 361/\$.ccls. or h05k001/03 or h05k001/11 or h01r012/04) and (channel or channels or trench or trenches)) and ((channel or channels or trench or trenches) with (power or ground) with (via or vias))) not (((174/\$.ccls. or 29/\$.ccls. or 361/\$.ccls. or h05k001/03 or h05k001/11 or h01r012/04) and (channel or channels or trench or trenches)) and ((channel or channels or trench or trenches)with (power or ground))) and ((channel or channels or trench or trenches) with (power or ground) with (segment or segmentation or partition or partitioning or split or splitting) with (power or ground)))) not (((174/255) or (174/254) or (174/262) or (174/260) or (174/261) or (174/252) or (361/760) or (361/792) or (361/793) or (361/794) or (361/795)).CCLS.) and (channel or channels or trench or trenches))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB

	Search Text	DBs
39	<p>(((((174/\$.ccls. or 29/\$.ccls. or 361/\$.ccls. or h05k001/03 or h05k001/11 or h01r012/04) and (channel or channels or trench or trenches)) and ((channel or channels or trench or trenches) with (power or ground) with (via or vias))) not (((174/\$.ccls. or 29/\$.ccls. or 361/\$.ccls. or h05k001/03 or h05k001/11 or h01r012/04) and (channel or channels or trench or trenches)) and ((channel or channels or trench or trenches) with (power or ground))) and ((channel or channels or trench or trenches) with (power or ground) with (segment or segmentation or partition or partitioning or split or splitting) with (power or ground)))) not (((174/255) or (174/254) or (174/262) or (174/260) or (174/261) or (174/252) or (361/760) or (361/792) or (361/793) or (361/794) or (361/795)).CCLS.) and (channel or channels or trench or trenches))) not (((174/255) or (174/254) or (174/262) or (174/260) or (174/261) or (174/252) or (361/760) or (361/792) or (361/793) or (361/794) or (361/795)).CCLS.) and ((segment or segmentation or partition or partitioning or split or splitting) with (power or ground)))</p>	<p>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</p>
40	<p>((174/\$.ccls. or 29/\$.ccls. or 361/\$.ccls. or h05k001/03 or h05k001/11 or h01r012/04) and (channel or channels or trench or trenches)) and ((channel or channels or trench or trenches) with (power or ground))</p>	<p>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</p>
41	<p>((channel or channels or trench or trenches) with (power or ground) with (via or vias))</p>	<p>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</p>
42	<p>((channel or channels or trench or trenches) with (power or ground) with (via or vias))) and (thermal adj dissipation)</p>	<p>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</p>
43	<p>((channel or channels or trench or trenches) with (power or ground) with (via or vias))) and (EMI adj suppression)</p>	<p>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</p>

	Search Text	DBs
44	((channel or channels or trench or trenches) with (power or ground) with (via or vias))) and ((segment or segmentation or partition or partitioning or split or splitting) with (power or ground))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
45	(((channel or channels or trench or trenches) with (power or ground) with (via or vias))) and ((segment or segmentation or partition or partitioning or split or splitting) with (power or ground))) not ((((((174/\$.ccls. or 29/\$.ccls. or 361/\$.ccls. or h05k001/03 or h05k001/11 or h01r012/04) and (channel or channels or trench or trenches)) and ((channel or channels or trench or trenches) with (power or ground) with (via or vias))) not (((174/\$.ccls. or 29/\$.ccls. or 361/\$.ccls. or h05k001/03 or h05k001/11 or h01r012/04) and (channel or channels or trench or trenches)) and ((channel or channels or trench or trenches)with (power or ground))) and ((channel or channels or trench or trenches) with (power or ground) with (segment or segmentation or partition or partitioning or split or splitting) with (power or ground)))) not (((174/255) or (174/254) or (174/262) or (174/260) or (174/261) or (174/252) or (361/760) or (361/792) or (361/793) or (361/794) or (361/795)).CCLS.) and (channel or channels or trench or trenches))) not (((174/255) or (174/254) or (174/262) or (174/260) or (174/261) or (174/252) or (361/760) or (361/792) or (361/793) or (361/794) or (361/795)).CCLS.) and	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB

	Search Text	DBs
46	<p> ((((channel or channels or trench or trenches) with (power or ground) with (via or vias))) and ((segment or segmentation or partition or partitioning or split or splitting) with (power or ground))) not ((((((174/\$.ccls. or 29/\$.ccls. or 361/\$.ccls. or h05k001/03 or h05k001/11 or h01r012/04) and (channel or channels or trench or trenches)) and ((channel or channels or trench or trenches) with (power or ground) with (via or vias))) not (((174/\$.ccls. or 29/\$.ccls. or 361/\$.ccls. or h05k001/03 or h05k001/11 or h01r012/04) and (channel or channels or trench or trenches)) and ((channel or channels or trench or trenches)with (power or ground))) and ((channel or channels or trench or trenches) with (power or ground) with (segment or segmentation or partition or partitioning or split or splitting) with (power or ground)))) not (((174/255) or (174/254) or (174/262) or (174/260) or (174/261) or (174/252) or (361/760) or (361/792) or (361/793) or (361/794) or (361/795)).CCLS.) and (channel or channels or trench or trenches))) not (((174/255) or (174/254) or (174/262) or (174/260) or (174/261) or (174/252) or (361/760) or (361/792) or (361/793) or (361/794) or (361/795)).CCLS.) and </p>	<p> USPAT; US-PGPUB;  EPO; JPO;  DERWENT;  IBM_TDB </p>

	Search Text	DBs
47	<p>(((((channel or channels or trench or trenches) with (power or ground) with (via or vias))) and ((segment or segmentation or partition or partitioning or split or splitting) with (power or ground))) not ((((((174/\$.ccls. or 29/\$.ccls. or 361/\$.ccls. or h05k001/03 or h05k001/11 or h01r012/04) and (channel or channels or trench or trenches)) and ((channel or channels or trench or trenches) with (power or ground) with (via or vias))) not (((174/\$.ccls. or 29/\$.ccls. or 361/\$.ccls. or h05k001/03 or h05k001/11 or h01r012/04) and (channel or channels or trench or trenches)) and ((channel or channels or trench or trenches)with (power or ground))) and ((channel or channels or trench or trenches) with (power or ground) with (segment or segmentation or partition or partitioning or split or splitting) with (power or ground)))) not (((174/255) or (174/254) or (174/262) or (174/260) or (174/261) or (174/252) or (361/760) or (361/792) or (361/793) or (361/794) or (361/795)).CCLS.) and (channel or channels or trench or trenches))) not (((174/255) or (174/254) or (174/262) or (174/260) or (174/261) or (174/252) or (361/760) or (361/792) or (361/793) or (361/794) or (361/795)).CCLS.) and</p>	<p>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</p>
48	<p>("3681474"   "4347306"   "5485038"   "5698470"   "5830563"   "5851681"   "5993945"   "5997997").PN.</p>	USPAT
49	6228465.URPN.	USPAT
50	<p>("5218516"   "5436793"   "5455458"   "5475565"   "5504378"   "5513072"   "5625536"   "5657203"   "5666269"   "5751552"   "5926373").PN.</p>	USPAT
51	6154369.URPN.	USPAT
52	<p>("5110298"   "5286926"   "5286927"   "5451722"   "5459287"   "5754411"   "5764119").PN.</p>	USPAT
53	6060665.URPN.	USPAT



	Search Text	DBs
54	("4801489"   "4882454"   "4904968"   "4963697"   "5053921"   "5072075"   "5106308"   "5121299"   "5129142").PN.	USPAT
55	5677515.URPN.	USPAT
56	("3739469"   "4498812"   "4543715"   "5381306"   "5623160"   "5825084").PN.	USPAT
57	((segment or segmentation or partition or partitioning partitioned or split or splitting) with (power or ground) with (channel or channels or trench or trenches) with (via or vias))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
58	(174/255).CCLS.	USPAT
59	(174/262).CCLS.	USPAT
60	((174/262).CCLS.) not ((174/255).CCLS.)	USPAT
61	((174/261) or (174/252)).CCLS.	USPAT
62	((((174/261) or (174/252)).CCLS.) not (((174/262).CCLS.) not ((174/255).CCLS.))	USPAT
63	(((((174/261) or (174/252)).CCLS.) not (((174/262).CCLS.) not ((174/255).CCLS.))) not ((174/262).CCLS.)	USPAT
64	((((((174/261) or (174/252)).CCLS.) not (((174/262).CCLS.) not ((174/255).CCLS.))) not ((174/262).CCLS.) not ((174/255).CCLS.)	USPAT
65	((174/266) or (174/260)).CCLS.	USPAT
66	((((174/266) or (174/260)).CCLS.) not (((174/261) or (174/252)).CCLS.)	USPAT
67	(((((174/266) or (174/260)).CCLS.) not (((174/261) or (174/252)).CCLS.)) not ((174/262).CCLS.)	USPAT
68	((((((174/266) or (174/260)).CCLS.) not (((174/261) or (174/252)).CCLS.)) not ((174/262).CCLS.)) not ((174/255).CCLS.)	USPAT
69	((361/792) or (361/794) or (361/795) or (361/794)).CCLS.	USPAT
70	((((361/792) or (361/794) or (361/795) or (361/794)).CCLS.) not (((174/266) or (174/260)).CCLS.)	USPAT

	Search Text	DBs
71	(((((361/792) or (361/794) or (361/795) or (361/794)).CCLS.) not (((174/266) or (174/260)).CCLS.)) not (((174/261) or (174/252)).CCLS.))	USPAT
72	(((((361/792) or (361/794) or (361/795) or (361/794)).CCLS.) not (((174/266) or (174/260)).CCLS.)) not (((174/261) or (174/252)).CCLS.)) not ((174/262).CCLS.))	USPAT
73	(((((361/792) or (361/794) or (361/795) or (361/794)).CCLS.) not (((174/266) or (174/260)).CCLS.)) not (((174/261) or (174/252)).CCLS.)) not ((174/262).CCLS.)) not ((174/255).CCLS.))	USPAT
74	(361/760).CCLS.	USPAT
75	((361/760).CCLS.) not (((361/792) or (361/794) or (361/795) or (361/794)).CCLS.))	USPAT
76	((361/760).CCLS.) not (((361/792) or (361/794) or (361/795) or (361/794)).CCLS.)) not (((174/266) or (174/260)).CCLS.))	USPAT
77	((361/760).CCLS.) not (((361/792) or (361/794) or (361/795) or (361/794)).CCLS.)) not (((174/266) or (174/260)).CCLS.)) not (((174/261) or (174/252)).CCLS.))	USPAT
78	(((((361/760).CCLS.) not (((361/792) or (361/794) or (361/795) or (361/794)).CCLS.)) not (((174/266) or (174/260)).CCLS.)) not (((174/261) or (174/252)).CCLS.)) not ((174/262).CCLS.))	USPAT
79	(((((361/760).CCLS.) not (((361/792) or (361/794) or (361/795) or (361/794)).CCLS.)) not (((174/266) or (174/260)).CCLS.)) not (((174/261) or (174/252)).CCLS.)) not ((174/262).CCLS.)) not ((174/255).CCLS.))	USPAT
80	(conductive) adj (channel or channels or trench or trenches)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB

	Search Text	DBs
81	((conductive) adj (channel or channels or trench or trenches)) and (segment or segments or partition or partitioned or partitioning)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
82	((((conductive) adj (channel or channels or trench or trenches)) and ((power or ground) with (via or vias))) and (((conductive) adj (channel or channels or trench or trenches)) and (segment or segments or partition or partitioned or partitioning)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
83	((conductive) adj (channel or channels or trench or trenches)) and (metalized adj plane\$1 or conductive adj plane\$1 or conductive adj layer\$1 metal adj	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
84	((conductive) adj (channel or channels or trench or trenches)) and ((power or ground) with (via or vias))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
85	((((conductive) adj (channel or channels or trench or trenches)) and (segment or segments or partition or partitioned or partitioning)) not (((conductive) adj (channel or channels or trench or trenches)) and ((power or ground) with (via or vias))))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
86	(((((conductive) adj (channel or channels or trench or trenches)) and (segment or segments or partition or partitioned or partitioning)) not (((conductive) adj (channel or channels or trench or trenches)) and ((power or ground) with (via or vias)))) not (((conductive) adj (channel or channels or trench or trenches)) and (metalized adj plane\$1 or conductive adj plane\$1 or conductive adj layer\$1 metal adj layer\$1)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
87	((conductive) adj (channel or channels or trench or trenches)) not (((conductive) adj (channel or channels or trench or trenches)) and (segment or segments or partition or partitioned or partitioning))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB

	Search Text	DBs
88	((((conductive) adj (channel or channels or trench or trenches)) not (((conductive) adj (channel or channels or trench or trenches)) and (segment or segments or partition or partitioned or partitioning)))) not (((conductive) adj (channel or channels or trench or trenches)) and (metalized adj plane\$1 or conductive adj plane\$1 or conductive adj layer\$1 metal adj layer\$1))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
89	(((((conductive) adj (channel or channels or trench or trenches)) not (((conductive) adj (channel or channels or trench or trenches)) and (segment or segments or partition or partitioned or partitioning)))) not (((conductive) adj (channel or channels or trench or trenches)) and (metalized adj plane\$1 or conductive adj plane\$1 or conductive adj layer\$1 metal adj layer\$1))) not (((conductive) adj (channel or channels or trench or trenches)) and ((power or ground) with (via or vias))) and (((conductive) adj (channel or channels or trench or trenches)) and (segment or segments or partition or partitioned or partitioning))))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
90	((("5270493") or ("5966294") or ("6388208") or ("6000120") or ("5590460")).PN.	USPAT
91	("3613230"   "4460880"   "4776087"   "5461353").PN.	USPAT
92	6000120.URPN.	USPAT
93	("5185502"   "5336855"   "5384691"   "5863447"   "5875100").PN.	USPAT
94	5966294.URPN.	USPAT
95	((("5659953") or ("5677515") or ("5828555") or ("6444922") or ("5414222") or ("5734560") or ("5347086") or ("5442144") or ("5270493") or ("5966294") or ("5522132")).PN.	USPAT
96	("4801905"   "5430933"   "5522132"   "5604658"   "5677515"   "5828555"   "6028489").PN.	USPAT
97	6444922.URPN.	USPAT
98	("5057804"   "5214571"   "5680080").PN.	USPAT

	Search Text	DBs
99	5828555.URPN.	USPAT
100	("6031727").PN.	USPAT
101	("3694699"   "4528835"   "4751146"   "5365402"   "5528456"   "5567986"   "5661339"   "5673177"   "5675474"   "5719745"   "5751553"   "5757073"   "5779134"   "5830311").PN.	USPAT
102	6031727.URPN.	USPAT